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INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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COUNTRY **Poland**

REPORT

SUBJECT **Production of Internal Combustion Engines**

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a report on the production of internal combustion engines in Poland.

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INFORMATION REPORT INFORMATION REPORT

POLANDEconomicProduction of Internal Combustion Engines in Poland.

1.

Engines for "Star"

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The "Star" [] are powered by the following [] engines :

Vehicle	90 h.p. 3,000 r.p.m. with capacity 4.18 litres.
Vehicle	Approx. 100 h.p. engine. 3,000 r.p.m. with capacity 4.24 litres.
Vehicle	100/120 h.p. engine. 3,000 r.p.m. with capacity over 6 litres.

The 100 h.p. engines are under development and two types have been designed and are undergoing trials but considerable difficulty is being experienced with both of them.

2. Diesel Engines manufactured at Andrychow Factory.

The engines manufactured in Poland by the factory at Andrychow and designated S/61 cover a range of horsepower between 60 and 100. These engines have a very high fuel consumption and for this reason the Central Design Office is seeking for suitable replacements. They are particularly interested in TORQUE convertors for such applications as road rollers powered by engines of a rating between 25 and 120 h.p. e.g.

- a) road roller 13 tons with 3 wheels powered by 37 h.p. engine at 1,500 r.p.m. Engine S/22
- b) road roller powered by 28 h.p. engine at 1,500 r.p.m.
- c) road roller powered by 25 h.p. engine made by Slavia of Czech origin and operating at 1,800 r.p.m.

3. Diesel engines manufactured under licence from SULZER

Manufacture under the licence arrangement made with SULZER covers the following engines :

TD 150 h.p. per cylinder. 4/9 cylinders.
At this stage the 6-cylinder engines are being built in Poland.

RD 76 1300 h.p. per cylinder. 5/12 cylinders.

BH 22 auxiliary unit. 3/8 cylinders. Up to 200 h.p.

There is also a Polish designed 3-cylinder 450 h.p. engine.

Various difficulties have been experienced with these and the Poles are

wondering whether it is worth while to proceed with the project.